

1321  
07/25/03  
U.S. PTO

PTO/SB/05 (05-03)  
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**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR § 1.53(b))

|                        |  |
|------------------------|--|
| Attorney Docket No.    | 1089.050000/ALF/NRK  |
| First Inventor         | Hiroshi KOEDA  |
| Title                  | Dispenser, Dispenser Array, Manufacturing Method for Dispenser, Inspection Device, Inspection Method and Biochip |
| Express Mail Label No. |  |

17302 US PTO  
10/621829  
07/25/03

**APPLICATION ELEMENTS**  
See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original, and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
*See 37 CFR 1.27.*
3.  Specification [Total Pages 46]  
*(preferred arrangement set forth below)*
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawings (35 U.S.C. 113) [Total Sheets 19]
5. Oath or Declaration [Total Pages \_\_\_\_\_]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
*(for continuation/divisional with Box 18 completed)*
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §§ 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76.

**ADDRESS TO:**

Commissioner for Patents  
Mail Stop Patent Application  
P.O. Box 1450  
Alexandria VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program  
*(Appendix)*
8. Nucleotide and/or Amino Acid Sequence Submission  
*(if applicable, all necessary)*
  - a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of Attorney  
*(when there is an assignee)*
11.  English Translation Document *(if applicable)*
12.  Information Disclosure Statement (IDS)/PTO-1449  A Copy of IDS Citation
13.  Preliminary Amendment
14.  Two (2) Return Receipt Postcards (MPEP 503)  
*(Should be specifically itemized)*
15.  Certified Copy of Priority Document(s)  
*(if foreign priority is claimed)*
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: Authorization under 37 C.F.R. § 1.136(a)(3)  
 Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation     Divisional     Continuation-in-Part (CIP)  
Prior application information: Examiner \_\_\_\_\_

of prior application No: \_\_\_\_\_ /  
Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

Customer Number 26111



or  Correspondence address below

|         |   |          |  |
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| ADDRESS | Attorneys at Law PATENT TRADEMARK OFFICE  |          |  |
| CITY    | STATE                                     | ZIP CODE |  |
| COUNTRY | TELEPHONE                                 | FAX      |  |

|                   |                 |                                   |        |
|-------------------|-----------------|-----------------------------------|--------|
| NAME (Print/Type) | Albert L. Ferro | Registration No. (Attorney/Agent) | 44,679 |
| SIGNATURE         |                 |                                   |        |
| Date              | July 25, 2003   |                                   |        |

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you are required to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.  
If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



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\*Admitted only in Virginia  
\*Practice Limited to Federal Agencies

July 25, 2003

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PO Box 1450  
Alexandria, VA 22313-1450

**Mail Stop Patent Application**

Re: U.S. Non-Provisional Patent Application under 37 C.F.R. § 1.53(b)  
Appl. No. *To Be Assigned*; Filed: HEREWITH  
For: **Dispenser, Dispenser Array, Manufacturing Method for Dispenser, Inspection Device, Inspection Method and Biochip**  
Inventor: Hiroshi KOEDA  
Our Ref: 1089.050000/ALF/NRK

Sir:

The following documents are forwarded herewith for appropriate action by the U.S. Patent and Trademark Office:

1. USPTO Utility Patent Application Transmittal Form (PTO/SB/05);
2. U.S. Utility Patent Application entitled:

**Dispenser, Dispenser Array, Manufacturing Method for Dispenser, Inspection Device, Inspection Method and Biochip**

and naming as inventor:

Hiroshi KOEDA

the application consisting of:

- a. an Application Data Sheet (37 C.F.R. § 1.76);
- b. A specification containing:

Commissioner for Patents  
July 25, 2003  
Page 2

- i. 38 pages of description prior to the claims;
  - ii. 7 pages of claims (36 claims); and
  - iii. a one (1) page abstract;
- c. 19 sheets of drawings: (Figures 1-6, 7A-7C, 8, 9A-9C, 10A-10C, 11A-11C, 12-16, 17A-17C, 18-23, and 24A-24B);

and

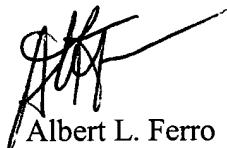
- 3. Authorization to Treat a Reply As Incorporating An Extension of Time Under 37 C.F.R. § 1.136(a)(3);
- 4. Information Disclosure Statement;
- 5. Form PTO/SB/08A (1 page) listing one (1) document (AL1);
- 6. A copy of the document listed on Form PTO/SB/08A; and
- 7. Two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

This patent application is being submitted under 37 C.F.R. § 1.53(b) without Declaration and without filing fee.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Albert L. Ferro  
Attorney for Applicant  
Registration No. 44,679

ALF/NRK/awt  
Enclosure

SKGF\_DC1:159588.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Hiroshi KOEDA

Appl. No. *To Be Assigned*

Filed: HEREWITH

For: **Dispenser, Dispenser Array,  
Manufacturing Method for  
Dispenser, Inspection Device,  
Inspection Method and Biochip**

Confirmation No. N/A

Art Unit: *To Be Assigned*

Examiner: *To Be Assigned*

Atty. Docket: 1089.0500000/ALF/NRK

**Authorization To Treat A Reply As Incorporating An Extension Of  
Time Under 37 C.F.R. § 1.136(a)(3)**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

The U.S. Patent and Trademark Office is hereby authorized to treat any concurrent or future reply that requires a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. The U.S. Patent and Trademark Office is hereby authorized to charge all required extension of time fees to our Deposit Account No. 19-0036, if such fees are not otherwise provided for in such reply.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



Albert L. Ferro  
Attorney for Applicant  
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Date: July 25, 2003

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